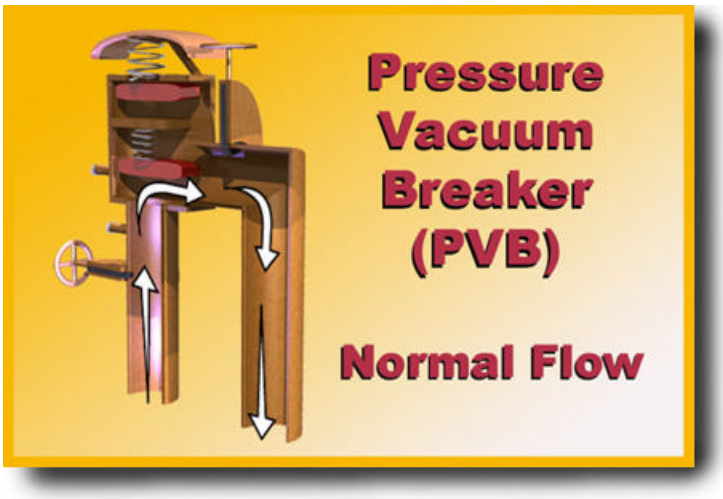
# PVB TEST PROCEDURES

Acceptable procedures per current edition of Manual of Cross Connection Control, USC FCCCHR




Protects against **backsiphonage** only

Protects against **pollutants** and **contaminants**

Elevation must be **at least 12”** above highest point of use

Has an internally loaded check valve, a loaded air inlet valve on the discharge side of the check valve, two shutoff valves and two test cocks.

**NOTIFY** ★ **IDENTIFY** ★ **INSPECT** ★ **OBSERVE**

## TEST NO. 1: AIR INLET

1. Remove the canopy. Flush Test Cock #1 and Test Cock #2.
2. Attach bleed off valve to Test Cock #1.
3. Attach hose from the high side of the gauge to Test Cock #2.
4. Open Test Cock #2.
5. Open the High Side needle valve, bleed the hose, close the high side needle valve.
6. Close #2 Shutoff Valve. Bring the gauge to the same level as the air inlet valve. Close #1 Shutoff Valve.
7. Slowly open the High Side needle valve no more than ¼ turn. Watch carefully for the air inlet float to open. **Record the differential pressure reading on the gauge when it opens** (must be 1 PSID or higher). Put the gauge down.
8. Open the High Side needle valve to drain water from the body. Make sure the air inlet valve has opened to its fully open position.
9. Close Test Cock #2, Remove equipment.
10. Open #1 Shutoff Valve to repressurize the system.

## TEST NO. 2: CHECK VALVE CLOSING POINT

1. Attach hose from the high side of the gauge to Test Cock #1 (bleed-off valve).
2. Open Test Cock #1.
3. Open the High Side needle valve to bleed the hose, close the High Side needle valve.
4. Bring the gauge to the same level as Test Cock #2. Close the #1 Shutoff Valve.
5. Open Test Cock #2. When the flow of water out of Test Cock #2 stops and the differential pressure reading indicated by the gauge settles, **record the reading** (must be 1 PSID or more).
6. Close the test cocks, remove the gauge.
7. Open #1 Shutoff Valve, then #2 Shutoff Valve slowly to restore service.
8. Replace air inlet valve canopy.

***CHECK PAPERWORK CAREFULLY BEFORE TURNING IT IN***